

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041122\  
 Data File : VW025462.D  
 Acq On : 11 Apr 2022 19:53  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005305

Quant Time: Apr 12 07:09:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 12 07:03:45 2022  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                         |           |       |          |          |             |          |
| Internal Standards            |           |       |          |          |             |          |
| 1) 1,4-Difluorobenzene        | 5.619     | 114   | 105860   | 5.000    | ug/L        | 0.00     |
| 28) Chlorobenzene-d5          | 8.853     | 117   | 106008   | 5.000    | ug/L        | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246    | 152   | 55928    | 5.000    | ug/L        | 0.00     |
| System Monitoring Compounds   |           |       |          |          |             |          |
| 4) Vinyl Chloride-d3          | 1.307     | 65    | 53668    | 5.453    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 40 - 130 | Recovery | = 109.000%  |          |
| 7) Chloroethane-d5            | 1.571     | 69    | 54517    | 5.207    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 65 - 130 | Recovery | = 104.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.111     | 63    | 111183   | 5.639    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 60 - 125 | Recovery | = 112.800%  |          |
| 20) 2-Butanone-d5             | 3.895     | 46    | 81671    | 68.220   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 40 - 130 | Recovery | = 136.440%# |          |
| 24) Chloroform-d              | 4.352     | 84    | 87399    | 5.877    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 70 - 125 | Recovery | = 117.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.037     | 65    | 40834    | 6.372    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 70 - 130 | Recovery | = 127.400%  |          |
| 32) Benzene-d6                | 5.053     | 84    | 165776   | 5.405    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 70 - 125 | Recovery | = 108.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069     | 67    | 49253    | 5.758    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 60 - 140 | Recovery | = 115.200%  |          |
| 41) Toluene-d8                | 7.317     | 98    | 152516   | 5.358    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 70 - 130 | Recovery | = 107.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625     | 79    | 15388    | 5.352    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 55 - 130 | Recovery | = 107.000%  |          |
| 46) 2-Hexanone-d5             | 8.088     | 63    | 60080    | 59.539   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 45 - 130 | Recovery | = 119.080%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214    | 84    | 32505    | 6.015    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 65 - 120 | Recovery | = 120.200%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622    | 152   | 51007    | 5.440    | ug/L        | 0.00     |
| Spiked Amount                 | 5.000     | Range | 80 - 120 | Recovery | = 108.800%  |          |
| Target Compounds              |           |       |          |          |             |          |
|                               |           |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.130     | 85    | 49807    | 5.208    | ug/L        | 100      |
| 3) Chloromethane              | 1.243     | 50    | 77280    | 7.437    | ug/L        | 100      |
| 5) Vinyl chloride             | 1.314     | 62    | 73590    | 6.267    | ug/L        | 99       |
| 6) Bromomethane               | 1.526     | 94    | 48967    | 5.783    | ug/L        | 99       |
| 8) Chloroethane               | 1.587     | 64    | 56212    | 6.202    | ug/L        | 98       |
| 9) Trichlorofluoromethane     | 1.754     | 101   | 95571    | 5.795    | ug/L        | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.121     | 101   | 49337    | 5.325    | ug/L        | 98       |
| 12) 1,1-Dichloroethene        | 2.121     | 96    | 53341    | 5.809    | ug/L        | 87       |
| 13) Acetone                   | 2.185     | 43    | 57724    | 71.039   | ug/L        | 98       |
| 14) Carbon disulfide          | 2.297     | 76    | 115190   | 5.241    | ug/L        | 100      |
| 15) Methyl Acetate            | 2.442     | 43    | 15150    | 8.389    | ug/L #      | 88       |
| 16) Methylene chloride        | 2.510     | 84    | 50239    | 5.644    | ug/L        | 98       |
| 17) Methyl tert-butyl Ether   | 2.770     | 73    | 96386    | 6.784    | ug/L        | 99       |
| 18) trans-1,2-Dichloroethene  | 2.764     | 96    | 44538    | 5.789    | ug/L        | 93       |
| 19) 1,1-Dichloroethane        | 3.191     | 63    | 83632    | 6.418    | ug/L        | 95       |
| 21) 2-Butanone                | 3.982     | 43    | 83148    | 74.054   | ug/L        | 99       |
| 22) cis-1,2-Dichloroethene    | 3.915     | 96    | 49954    | 6.167    | ug/L        | 99       |
| 23) Bromochloromethane        | 4.252     | 128   | 23040    | 6.851    | ug/L        | 98       |
| 25) Chloroform                | 4.378     | 83    | 89695    | 6.521    | ug/L        | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041122\  
 Data File : VW025462.D  
 Acq On : 11 Apr 2022 19:53  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005305

Quant Time: Apr 12 07:09:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 12 07:03:45 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 50410    | 6.946  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97   | 69647    | 5.571  | ug/L  | 99       |
| 30) Cyclohexane               | 4.680  | 56   | 51198    | 4.504  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 55550    | 5.253  | ug/L  | 99       |
| 33) Benzene                   | 5.101  | 78   | 182433   | 5.826  | ug/L  | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 44825    | 5.391  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.133  | 83   | 56672    | 4.272  | ug/L  | 94       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 44461    | 6.137  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.510  | 83   | 56725    | 6.307  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 53679    | 5.654  | ug/L  | 95       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 213837   | 73.720 | ug/L  | 99       |
| 42) Toluene                   | 7.387  | 91   | 187064   | 5.492  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 43885    | 5.950  | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 32985    | 6.799  | ug/L  | 96       |
| 47) Tetrachloroethene         | 7.976  | 164  | 33061    | 5.079  | ug/L  | 93       |
| 48) 2-Hexanone                | 8.140  | 43   | 153827   | 76.096 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.246  | 129  | 34390    | 6.457  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 28636    | 6.284  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.882  | 112  | 114948   | 5.285  | ug/L  | 97       |
| 52) Ethylbenzene              | 9.011  | 91   | 176413   | 4.856  | ug/L  | 97       |
| 53) m,p-Xylene                | 9.140  | 106  | 69582    | 5.037  | ug/L  | 98       |
| 54) o-Xylene                  | 9.542  | 106  | 67947    | 5.065  | ug/L  | 97       |
| 55) Styrene                   | 9.561  | 104  | 118141   | 5.415  | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 32486    | 6.702  | ug/L  | 99       |
| 59) Bromoform                 | 9.731  | 173  | 14355    | 6.218  | ug/L  | 97       |
| 60) Isopropylbenzene          | 9.931  | 105  | 175710   | 5.076  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 26179    | 7.107  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 75324    | 4.879  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 135397   | 4.868  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 85438    | 5.287  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 84712    | 5.164  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 77999    | 5.450  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 4197     | 6.590  | ug/L  | 92       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 58817    | 4.784  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 45072    | 4.755  | ug/L  | 98       |
| 71) Naphthalene               | 13.500 | 128  | 73665    | 5.298  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 40758    | 5.193  | ug/L  | 97       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041122\  
 Data File : VV025462.D  
 Acq On : 11 Apr 2022 19:53  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005305

Quant Time: Apr 12 07:09:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 12 07:03:45 2022  
 Response via : Initial Calibration

